

## AMENDMENT

### In the Specification:

Page 14, 1<sup>st</sup> full paragraph, please amend as follows:

B<sup>2</sup>  
The process advantageously employs a diol as the polyol. Suitable diols include, but are not limited to, poly(ethylene adipates), poly(diethyleneglycol adipates), polycaprolactone diols, polycaprolactone-polyadipate copolymer diols, poly(ethylene-terephthalate)diols, polycarbonate diols, polytetramethylene ether glycol, polyethylene glycol, ethylene oxide adducts of polyoxypropylene diols, ethylene oxide adducts of polyoxypropylene triols. The preferred polyol is the diol polyethylene glycol. The most preferred polyethylene glycol is ~~Carbowax~~ CARBOWAX 1450 (available from Union Carbide).

Page 17, 1st full paragraph, please amend as follows:

B<sup>3</sup>  
In a second aspect, the present invention comprises the silane copolymers made by the processes described above. These copolymers are preferably polyurethane-urea-silane copolymers. Particularly preferred copolymers are polyurethane-urea-silane copolymers having from 7 to 12% by weight silane based upon the weight of the entire copolymer. The most preferred copolymers of the invention are those comprised of dicyclohexylmethane-4,4'-diisocyanate, N-(2-aminoethyl)-3-aminopropylmethyl-dimethoxy silane, and ~~Carbowax~~ CARBOWAX 1450.

Page 19, 3<sup>rd</sup> paragraph continuing onto page 20, please amend as follows:

B<sup>4</sup>  
As mentioned above, the preferred polyol used in the preparation of the silane copolymer is polyethylene glycol (PEG). PEG is a polymeric diol which is available in a variety of molecular weights. The use of PEG having different molecular weights affects the molecular weight and lubricity of the coatings formed. When the silane copolymer is used as a primer coat, a PEG having a lower molecular weight, such as ~~Carbowax~~ CARBOWAX 1450, is used. The use of ~~Carbowax~~ CARBOWAX 1450 provides a prepolymer having a molecular weight that is generally between about 1,900 and 25,000 as measure by gel

B4 permeation chromatography (GPC). A copolymer made from such a prepolymer provides improved adhesion of the primer coat to the substrate.

Page 20, 2nd full paragraph, please amend as follows:

B5 Alternatively, the lubricious top coat that is applied over the primer coat is the silane copolymer of the present invention made with a higher molecular weight PEG, such as ~~Carbowax~~ CARBOWAX 8000. Copolymers made from a higher molecular weight PEG, such as ~~Carbowax~~ CARBOWAX 8000, exhibit an increased lubricity over copolymers made with a lower molecular weight PEG such as that used in the primer coat.

Page 20 3<sup>rd</sup> paragraph continuing onto page 21, please amend as follows:

B6 In a second disclosed embodiment, the silane copolymers of the invention may be applied to the substrate as a single coating when a sufficiently lubricious polyol, such as ~~Carbowax~~ CARBOWAX 8000, is incorporated into the copolymer. The copolymers of the invention may be used alone as the single coating, or may incorporate additional hydrophilic polymers into the copolymer to add desirable properties to the coating. The preferred copolymers of this embodiment contain at least one additional hydrophilic polymer, such as polyethylene glycol (PEG), polyethylene oxide (PEO), or polyvinyl pyrrolidone (PVP).